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KIKUCHI, Kaoru

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<140> US 09/284,180

<141> 1999-06-09

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<223> Coding region

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<223> Coding region

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<212> PRT

<213> Homo sapiens

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Leu	Asp	Glu	Cys	Val	Ala	His	Ala	Gly	Glu	His	Arg	Gly	Leu	Val	Gln	
			355				360					365				
Asp	Ile	Glu	Ser	Ala	Asp	Val	Ser	Ser	Leu	Cys	Pro	Lys	Glu	Pro	Gly	
			370			375					380					
Glu	Arg	Pro	Val	Val	Phe	Glu	Val	Pro	Val	Ala	Thr	Ala	Ala	His	Val	
385					390					395					400	
Val	Leu	Pro	Cys	Ser	Pro	Ser	Ser	Ala	Trp	Ala	Ser	Cys	Val	Trp	His	
				405				410						415		
Gln	Pro	Ser	Gly	Val	Thr	Ala	Leu	Thr	Pro	Arg	Arg	Asp	Gly	Leu	Glu	
			420					425					430			
Val	Val	Val	Thr	Pro	Gly	Ala	Met	Gly	Ala	Tyr	Ala	Cys	Glu	Cys	Gln	
			435				440					445				
Glu	Gly	Gly	Ala	Ala	His	Val	Val	Ala	Ala	Tyr	Ser	Leu	Val	Trp	Gly	
			450			455					460					
Ser	Gln	Arg	Asp	Ala	Pro	Ser	Arg	Ala	His	Thr	Val	Gly	Ala	Gly	Leu	
465					470					475					480	
Ala	Gly	Phe	Phe	Leu	Gly	Ile	Leu	Ala	Ala	Ser	Leu	Thr	Leu	Ile	Leu	
				485				490						495		
Ile	Gly	Arg	Arg	Gln	Gln	Arg	Arg	Arg	Gln	Arg	Glu	Leu	Leu	Ala	Arg	
			500					505					510			
Asp	Lys	Val	Gly	Leu	Asp	Leu	Gly	Ala	Pro	Pro	Ser	Gly	Thr	Thr	Ser	
			515				520					525				
Tyr	Ser	Gln	Asp	Pro	Pro	Ser	Pro	Ser	Pro	Glu	Asp	Glu	Arg	Leu	Pro	
			530			535					540					
Leu	Ala	Leu	Ala	Lys	Arg	Gly	Ser	Gly	Phe	Gly	Gly	Phe	Ser	Pro	Pro	

545 550 555 560
 Phe Leu Leu Asp Pro Cys Pro Ser Pro Ala His Ile Arg Leu Thr Gly
 565 570 575
 Ala Pro Leu Ala Thr Cys Asp Glu Thr Ser Ile
 580 585

<210> 7
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
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 <222> (1)..(196)
 <223> Coding region

<220>
 <221> misc_feature
 <222> (1)..(196)
 <223> strandedness: double

<400> 7
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 gcctggagct tccggctgga tgagtgtgtg gcccatgccg gggagcaccg agggttggtc 180
 caagacatag agtcag 196

<210> 8
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer used to obtain the sequence encoding the intracellular domain of Semaphorin W

<400> 8
 gataaggatc cgggtcgccg tcagcagcgt 30

<210> 9
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Anti-sense PCR primer sequence used to obtain the sequence encoding the intracellular domain of Semaphorin W

<400> 9
 ggctggaatt cattttcccc ggcttta 27

<210> 10
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(333)
 <223> Coding region

<220>
 <221> misc_feature
 <222> (1)..(333)
 <223> strandedness: double

<400> 10
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 tctgaggctg acttctgtct cacccggttc gcagtccttc acacatacaa ttactctgtt 180
 ctccttggtg atcctgcctc ccacacactt tatgttggcg cccgggacac catcttcgct 240
 ttatccctgc ctttctcagg ggagagaccc cgcaggattg actggatggt tcctgagggt 300
 cacagacaga actgtaggaa gaaaggcaag aaa 333

<210> 11
 <211> 111
 <212> PRT
 <213> Homo sapiens

<400> 11
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 Leu Leu Ala Val Leu Ser Gly Pro Val Ser Gly Arg Val Pro Arg Ser
 20 25 30
 Val Pro Arg Thr Ser Leu Pro Ile Ser Glu Ala Asp Phe Cys Leu Thr
 35 40 45
 Arg Phe Ala Val Pro His Thr Tyr Asn Tyr Ser Val Leu Leu Val Asp
 50 55 60
 Pro Ala Ser His Thr Leu Tyr Val Gly Ala Arg Asp Thr Ile Phe Ala
 65 70 75 80
 Leu Ser Leu Pro Phe Ser Gly Glu Arg Pro Arg Arg Ile Asp Trp Met
 85 90 95
 Val Pro Glu Ala His Arg Gln Asn Cys Arg Lys Lys Gly Lys Lys
 100 105 110

<210> 12
 <211> 7
 <212> PRT
 <213> Homo sapiens

<400> 12
 Gln Asp Pro Val Cys Ala Trp
 1 5

<210> 13
 <211> 7
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)..(1)
<223> Xaa = Gln or Arg

<220>
<221> misc_feature
<222> (6)..(6)
<223> Xaa = Ala or Gly

<400> 13
Xaa Asp Pro Tyr Cys Xaa Trp
1 5

<210> 14
<211> 14
<212> PRT
<213> Unknown

<220>
<223> Description of Unknown Organism: Myc tag

<400> 14
Asp Ile Gly Gly Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
1 5 10

<210> 15
<211> 517
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(517)
<223> sequence of GenBank Accession No: R54387

<220>
<221> misc_feature
<222> (1)..(517)
<223> any n is a, g, c, t, unknown, or other

<400> 15
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acagaggact gcctgtcgtg gacaatgatg tgccccagcc cagacctgga gagtgcatca 120
ccaacaacat gaagctccgg cactttggct catctctctc cctgcctgac cgcgtactca 180
ccttcacccg ggancaccca ctcatggaca ggccagtntt tccagctgat ggccaccccc 240
tgntgggtcac tacagataca gnctatctca gagtcgtggc ccacaggggtg accagcctct 300
cagggaaaga gtatgatgtg ctctacctgg gggacagagg atgggacaac ttcaccgagc 360
agtgcggatt cggagctcag ttcagcgttt ctttgaagat cttgggctta tttncagag 420
tcacagnacag tttnaggaac ntgaaatttg ttacccacag ttnggttcng gggttggttt 480
ccgttatttt agggtnacac aagtggatta caaccca 517

<210> 16
<211> 364
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)..(364)

<223> sequence of GenBank Accession No: T09073

<220>

<221> misc_feature

<222> (1)..(364)

<223> any n is a, g, c, t, unknown, or other

<400> 16

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gcctggagct	tccggctgga	tgagtgtgtg	gcccattgcc	gggagcaccg	agggttggtc	180
caagacatag	agtcagcaga	tgtctcctct	ttgtgtccta	aagagcctgg	agaacgtcca	240
gtagtgtttg	aagttcccgt	ggctacagnt	gcgcattgtg	tcttnccatg	ttctccaagc	300
tcagcatggg	catcctgtgt	gtggcaccag	cccagtggag	ttacttcact	taccccccg	360
cggg						364